

**10th Grade Math: Geometry**

|  |  |  |
| --- | --- | --- |
| **Ms. Ramos** | **Mr. Bielmeier** | **Ms. Mitrovich** |
| Room: 705 | Room: 726 | Room: 706 |
| Office Hours: Tues./Thurs. afterschool | Office Hours: Tues./Thurs. afterschool | Office Hours: Mon./ Wed. afterschool |
| (312) 445 – 4680 Ext. 7705 | (312) 445 – 4680 Ext. 7726 | (312) 445 – 4680 Ext. 7704 |
| [kramos@noblenetwork.org](mailto:kramos@noblenetwork.org) | [sbielmeier@noblenetwork.org](mailto:sbielmeier@noblenetwork.org) | [rmitrovich@noblenetwork.org](mailto:rmitrovich@noblenetwork.org) |

**Geometry Fundamentals:**

1. Take risks.
2. Support and collaborate with each other.
3. The only unacceptable answer is “I don’t know”.
4. WHY > HOW > WHAT

**Course Description:**

Students will attend Geometry every day to master the College and Career Readiness Standards to achieve growth on the ACT. The following concepts will be covered throughout the course of the school year in class.

|  |  |
| --- | --- |
| **Semester 1 Concepts** | **Semester 2 Concepts** |
| * Real world functions * Transformations * Angle properties * Area & Perimeter * Congruent Triangles | * Similar Figures * Right Triangles & Trigonometry * Quadrilaterals * Polygons & Circles * Surface Area & Volume |

**Big Goals:**

1. Students will average **4 points** of growth or more on the ACT.
2. Students will use “Geometry Fundamentals” as a guiding principle in class on a daily basis.
3. Students will work to become their “best self”.

**Required Class Materials:**

1. Graphing Calculator (TI-83)

2. Mechanical pencils or pens

3. Folder

4. Graph paper notebook

5. Agenda

**Student Expectations:**

We expect a lot from each of you, every day. You are 10th graders who are preparing for college, and therefore we will not tolerate any distractions from learning. In order to be respectful of us, your fellow classmates and ultimately yourself, you are expected to do the following things:

|  |  |
| --- | --- |
| **The Rules:** | **What this looks like…** |
| **Work Hard  & Do Your Best!** | ***Perseverance***. You will not give up in class. Even when the going gets tough, you must learn to reach out to each other and to the teacher to assist you in mastering math. This also entails every minute of every class period being utilized to its fullest. |
| **Help each other & ask  for help if you need it.** | ***Advocacy.*** When you are stuck, you must advocate for yourself by referencing notes, asking a peer for help, and finally, asking your teacher. |
| **Come to class every day,  on time,  & prepared to learn.** | ***Urgency.*** You must show a sense of urgency in class. Students push each other to get to class on time, to finish every problem, and to make sure that every classmate has their homework done. It is not an option to be prepared, but rather an expectation. Work hard, put forth your best effort, and make the most of your education. |
| **Respect yourself,  your peers,**  **your school, & your teacher.** | ***Ownership.*** Encouragement. Understanding. Collaboration. These words demonstrate respect in class. Ultimately, you must own your own actions, whether good or bad, by taking responsibility for yourself. Assume the best of others, knowing that your teacher has your best interests in mind and your classmates want you to succeed. Do not interrupt others, do not engage in side conversations, and follow the school behavioral guidelines. If a student makes a mistake, classmates will respond with encouragement to try again rather than laughter because a mistake was made. Language can be powerful, so use it with care; do not use curse words or racial, ethnic, sexual, or other slurs. |
| **Take risks!** | ***Boldness.*** Muchin College Prep is a safe learning environment where we recognize that mistakes are opportunities to learn. You should feel comfortable stepping out of your comfort zone by attempting to answer difficult problems and questions when you are uncertain of their process or answer. |

**Grading Information:**

Your grade in this class should reflect your effort, focus, and dedication. Therefore, everything you do in or for this class will become a part of your grade. Geometry is a double blocked class. If you fail Geometry, **it will result in a $280 summer class fee**. The breakdown of your Geometry grade per semester is as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Description** | **Average Points** | **Frequency** | **Approx % total grade** |
| **Classwork &**  **Participation** | Organization is necessary for you to make great progress academically. You will be expected to maintain a Geometry notebook for each semester. You will receive participation points for participating in discussion and group work, and completing classwork (including Do Now, practice, and exit slips). | 15 points | Done every day in class; graded once per week | ~15% |
| **Homework** | Students are expected to complete homework on a daily basis. Homework must be 100% complete, show all work (the process, not just the answer), be neat, and be written in complete sentences when applicable. Failure to complete homework will result in a LaSalle. | 20 pts | Assigned every night; graded once per week | ~20% |
| **Assessments** | Assessments will be in the form of weekly content quizzes, unit tests, and interim assessments. | 40 pts | Once per week | ~40% |
| **Mastery Quizzes** | There will be 3-5 “Big Rocks” each quarter – math skills that are especially important to success on the ACT, in higher level math, in college and in life. These will be tested twice weekly with the same skill being tested 6-8 times before moving on. Your grade will be the average of your top three scores. | 50 pts | Tested twice per week; grade is average of top 3 scores | ~10% |
| **Performance Events** | You will also be assigned approximately one project a quarter that will require demonstration of geometry knowledge, as well as critical thinking and problem solving skills. | 75 pts | 1/quarter | ~10% |
| **Final Exam** | Finals will be given at the end of each semester and will be cumulative. | 100 pts | 1/semester | ~5% |

**Grading Scale:**

At Noble Street Charter Schools, high school campuses use the following grading scale:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A+ 97–100/ 4.3 | B+ 87–89/ 3.3 | C+ 77–79/ 2.3 | D+ 67–69/ 1.3 | F 0–59/ 0.0 |
| A 93–96/ 4.0 | B 83–86/ 3.0 | C 73–76/ 2.0 | D 63–66/ 1.0 |  |
| A- 90–92/ 3.7 | B- 80–82/ 2.7 | C- 70–72/ 1.7 | D- 60–62/ 0.7 |  |

**Expectations for Classroom Procedures**

|  |  |
| --- | --- |
| **Start of Class** | Upon entering the classroom, students are expected to take their do now from the station next to the classroom door and **be sitting in their seats** by the time the bell rings; otherwise, the student will be marked as tardy. As soon as the bell rings, students are expected to be silent. Students will place their completed homework assignment at the corner of their desk, copy the homework assignment into their planner, and start their do now. |
| **Asking for Help** | Students are expected to raise their hand if they need help unless otherwise indicated by the teacher. |
| **Classroom Cleanliness** | Take pride in our classroom. Clean up after yourself, return your desk to its original position, and push in your chair. |
| **End of Class** | The teacher dismisses you, not the bell. Do not pack up your materials until instructed by the teacher. |

**School Policies:**

Students are expected to follow Muchin College Prep policies as set forth in the Student Handbook.

***Absence Policy (make-up work, etc.)***

For excused absences and absences due to suspension, make up work must be allowed and generally, students are given as many days to turn in work as they were absent. For example, if a student is absent for two days, they would have to turn in make-up work by the second day they are back. Community Service Hours are not counted if done during the school-day hours that students are suspended. For unexcused absences, make-up work does not have to be given. Please use the wiki to locate and print information for class (notes, assignments, etc.) at:

**http://muchincollegeprep.wikispaces.com/**

\*When accessing the wiki for homework, make sure you have selected the correct link with both your teacher’s name *and* the period you have Algebra. Otherwise, you may end up doing the wrong homework assignment, and will not receive full credit.

***Tardy Policy***

If a student is tardy to class (not in assigned seat when the bell rings) they will receive:

* 1 demerit if he/she is less than 1 minute late
* 2 demerits if he/she is 1 to 3 minutes late
* 4 demerits if he/she is more than 3 minutes late

***Calculator Policy***

Students are required to have TI-83 graphing calculators every day of class. **Students must have calculators by Tuesday, September 8th.** Students are also required to have their names **engraved** in their calculator. If they are in possession of another student’s calculator it will be confiscated and they will receive 4 demerits. If students do not have calculators on school-wide testing days (Interim, ACT & PARCC) they will receive 4 demerits.

***Extra Credit***

Extra credit can only be made available to the whole class and not to individuals. No extra credit assignments can be given or accepted during the last two weeks of any semester. However, there can be extra credit points available on assignments or assessments at any time.

***Bathroom Policy***

Students will be expected to use the bathroom on their own time. However, to accommodate for emergencies, each student will get 3 letters (1 M, 1 C and 1 P) per semester to be used as bathroom passes. After a student has used all 3 letters, they will be given a demerit for going to the bathroom thereafter. Note: Students **will not** be given MCP letters for each class. They will be given a total of 3 letters that can be used for any class. If the student does not have a letter present to give to the teacher, a demerit will be issued.

**(Blank)**

**Syllabus Agreement**

I agree that I have received and read this syllabus. I understand the expectations for my student and the grading and make-up work policies for Geometry. I have read and noted that all work can be found on the MCP Wiki page and that students are required to have graphing calculators (TI-83) no later than **Tuesday, September 8th.**

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name (printed): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_